

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

I claim:

1. (Currently Amended) A method of receiving coded digital data symbols sent from a transmitter through a transmission channel of a communications network, the method comprising the steps of:

calculating an estimate $\{y\}$ of a sent data symbol, said estimate being represented by a first number $\{a+b\}$ of bits;

selecting from said calculated estimate, a second number $\{e\}$ of bits, said second number $\{e\}$ being lower than said first number $\{a+b\}$, to achieve a rounded estimate $\{y'\}$ being represented by said second number $\{e\}$ of bits; and

decoding the rounded estimate $\{y'\}$ to achieve a decoded data symbol ~~e-h-a-r-a-c-t-e-r-i-zed in that the method further comprises the steps of;~~

receiving from said network a target value for a block error rate of the transmission channel; and

selecting said second number of bits in dependence on said target block error rate value $\{f\}$, wherein the step of selecting said second number of bits comprises the step of multiplying said estimate by a scaling factor; and truncating a number of bits from said multiplied estimate.

2. (Canceled)

3. (Currently Amended) A method according to claim 2, ~~characterized in that~~ wherein said scaling factor has the form 2^n , where n is an integer.

4. (Currently Amended) A method according to claim ~~or 3~~, ~~characterized in that~~ 1, wherein the method further comprises the step of selecting said scaling factor from a stored table comprising corresponding values of said target block error rate and said scaling factor.

5. (Currently Amended) A method according to ~~anyone of claims 1 to 4~~, ~~characterized in that~~ claim 1, wherein said target block error rate value is the target BLER value defined in the technical specifications of 3GPP (3rd Generation Partnership Project).

6. (Currently Amended) A receiver for receiving coded digital data symbols sent from a transmitter through a transmission channel of a communications network, the receiver being arranged to:

calculate an estimate (\hat{y}) of a sent data symbol, said estimate being represented by a first number ($a+b$) of bits;

select from said calculated estimate a second number (e) of bits, said second number (e) being lower than said first number ($a+b$), to achieve a rounded estimate (\hat{y}) being represented by said second number (e) of bits; and

decode the rounded estimate (\hat{y}) to achieve a decoded data symbol, ~~characterized in that~~ wherein the receiver is further arranged to:

receive from said network a target value for a block error rate of the transmission channel; and

select said second number of bits in dependence on said target block error rate value wherein the receiver is further arranged to select said second number of bits by:

multiplying said estimate by a scaling factor, and

truncating a number of bits from said multiplied estimate.

7. (Canceled)

8. (Currently Amended) A receiver according to claim 7, ~~characterized in that 6~~
wherein said scaling factor has the form 2^n , where n is an integer.

9. (Currently Amended) A receiver according to claim 7 ~~or 8, characterized in~~
~~that 6 wherein~~ the receiver comprises a stored table comprising corresponding values of said target block error rate and said scaling factor, from which table said scaling factor can be selected.

10. (Currently Amended) A receiver according to ~~anyone of claims 6 to 9, characterized in that~~ claim 6, wherein said target block error rate value is the target BLER value defined in the technical specifications of 3GPP (3rd Generation Partnership Project).